



**NOTES:**

1. MATERIAL: SHROUDED WAFER, GLASS FILLED NYLON, COLOR BLACK, UL94V-0 PINS PHOSPHOR BRONZE
2. FINISH: SEE CHARTS
3. PRODUCT SPECIFICATION: PS-8723
4. PACKAGING INFORMATION: SEE CHARTS
5. WINDOW NOT AVAILABLE ON 6 DKT.
6. FOR CHARTED DIMENSIONS AND ASSEMBLY N.O.S NOT SHOWN ON THIS SHEET - SEE SHEET 2.
7. 20 CIRCUIT SIZE SHOWN FOR ILLUSTRATION PURPOSES.
8. PIN PUSHOUT FORCE: (17.79) N/4 LBS.
9. PINS MUST MEET SOLDERABILITY SPEC. ML-STD-202 METHOD 2008.
10. ROW TO ROW PIN HEIGHT VARIATION MUST NOT EXCEED (0.25)/0.10 IN.
11. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

**ASSEMBLY STYLES "A", "B", AND "G"**

DKT.	DIM. 'A'	DIM. 'B'	DIM. 'C'	DIM. 'D'	DIM. 'E'	DIM. 'F'	DIM. 'G'
06	(1.68)	(6.43)	(5.08)	(1.68)			
08	(1.68)	(10.97)	(7.62)	(1.68)			
10	(1.68)	(15.51)	(10.16)	(1.68)			
12	(1.68)	(15.05)	(12.70)	(1.68)			
14	(1.68)	(18.59)	(15.24)	(1.68)			
16	(1.68)	(21.13)	(17.78)	(1.68)			
18	(1.68)	(23.67)	(20.32)	(1.68)			
20	(1.68)	(26.21)	(22.86)	(1.68)			
22	(1.68)	(28.75)	(25.40)	(1.68)			
24	(1.68)	(31.29)	(27.94)	(1.68)			
26	(1.68)	(33.83)	(30.48)	(1.68)			
28	(1.68)	(36.37)	(33.02)	(1.68)			
30	(1.68)	(38.91)	(35.56)	(1.68)			
32	(1.68)	(41.45)	(38.10)	(1.68)			
34	(1.68)	(43.99)	(40.64)	(1.68)			
36	(1.68)	(46.53)	(43.18)	(1.68)			
38	(1.68)	(49.07)	(45.72)	(1.68)			
40	(1.68)	(51.61)	(48.26)	(1.68)			
42	(1.68)	(54.15)	(50.80)	(1.68)			
44	(1.68)	(56.69)	(53.34)	(1.68)			
46	(1.68)	(59.23)	(55.88)	(1.68)			
48	(1.68)	(61.77)	(58.42)	(1.68)			
50	(1.68)	(64.31)	(60.96)	(1.68)			
52	(1.68)	(66.85)	(63.50)	(1.68)			
54	(1.68)	(69.39)	(66.04)	(1.68)			
56	(1.68)	(71.93)	(68.58)	(1.68)			
58	(1.68)	(74.47)	(71.12)	(1.68)			
60	(1.68)	(77.01)	(73.66)	(1.68)			
62	(1.68)	(79.55)	(76.20)	(1.68)			
64	(1.68)	(82.09)	(78.74)	(1.68)			
66	(1.68)	(84.63)	(81.28)	(1.68)			
68	(1.68)	(87.17)	(83.82)	(1.68)			
70	(1.68)	(89.71)	(86.36)	(1.68)			
72	(1.68)	(92.25)	(88.90)	(1.68)			

<b>ADD. NOTES:</b> EDC: M/C 2008-4539 RY: CHANDRASEKAR CHKD: BELL APPROV: SETHI DATE: 2008/07/28 DATE: 2008/07/28 DATE: 2008/07/28	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± 0.10 2 PLACES ± 0.25 ± 0.14 1 PLACE ± 0.36 ± --- ANGULAR ±1/2°	DIMENSION STYLE MM/IN SCALE 4:1 DESIGN UNITS INCH	TITLE SALES ASSEMBLY WAFER-RIGHT ANGLE FULLY SHROUDED .100 GRID MOLEX INCORPORATED	SHEET NO. 1 OF 8	
	DRAWN BY JL DATE 1986/06/26	CHECKED BY NB DATE 1986/06/26	APPROVED BY MAZ DATE 1986/06/26	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-8724-*****	THIRD ANGLE PROJECTION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	MOLEX INCORPORATED					

NO. OF CKTS	TIN	TIN	IS GOLD	IS GOLD	30 GOLD	30 GOLD	TIN	CONNECTOR END PLATING		P.C. BOARD END PLATING		PACKAGING INFORMATION
								J	K	L	M	
06	A-8724-06A164	A-8724-06B164	A-8724-06C164	A-8724-06D164	A-8724-06E164	A-8724-06F164	A-8724-06G164	(2,54) .100	(6,00) .250	TIN	(1,27) .050	0019
08	A-8724-08A164	A-8724-08B164	A-8724-08C164	A-8724-08D164	A-8724-08E164	A-8724-08F164	A-8724-08G164	(2,54) .100	(6,00) .250	TIN	(1,27) .050	0019
10	A-8724-10A164	A-8724-10B164	A-8724-10C164	A-8724-10D164	A-8724-10E164	A-8724-10F164	A-8724-10G164	(5,08) .200	(2,54) .100	TIN	(2,54) .100	0019
12	A-8724-12A164	A-8724-12B164	A-8724-12C164	A-8724-12D164	A-8724-12E164	A-8724-12F164	A-8724-12G164	(5,08) .200	(2,54) .100	TIN	(2,54) .100	0019
14	A-8724-14A164	A-8724-14B164	A-8724-14C164	A-8724-14D164	A-8724-14E164	A-8724-14F164	A-8724-14G164	(5,08) .200	(2,54) .100	TIN	(2,54) .100	0019
16	A-8724-16A164	A-8724-16B164	A-8724-16C164	A-8724-16D164	A-8724-16E164	A-8724-16F164	A-8724-16G164	(5,08) .200	(2,54) .100	TIN	(2,54) .100	0019
18	A-8724-18A164	A-8724-18B164	A-8724-18C164	A-8724-18D164	A-8724-18E164	A-8724-18F164	A-8724-18G164	(5,08) .200	(2,54) .100	TIN	(2,54) .100	0019
20	A-8724-20A164	A-8724-20B164	A-8724-20C164	A-8724-20D164	A-8724-20E164	A-8724-20F164	A-8724-20G164	(5,08) .200	(2,54) .100	TIN	(2,54) .100	0019

**PLATING FINISHES:**  
**TIN** TIN (5%) OVER ENTIRE PIN;  
THICKNESS=(3.75 MICROMETER)/75 MICROINCH MINIMUM;  
NICKEL (ND) UNDERPLATE OVER ENTIRE PIN.  
**IS GOLD** SELECTIVE GOLD (Au) IN THE CONTACT AREA;  
THICKNESS=(0.37 MICROMETER)/3.75 MICROINCH MINIMUM;  
SELECTIVE TIN (Sn) IN THE PC TAIL AREA;  
THICKNESS=(1.88 MICROMETER)/75 MICROINCH MINIMUM;  
NICKEL (ND) UNDERPLATE OVER ENTIRE PIN.  
**30 GOLD** SELECTIVE GOLD (Au) IN THE CONTACT AREA;  
THICKNESS=(0.75 MICROMETER)/30 MICROINCH MINIMUM;  
SELECTIVE TIN (Sn) IN THE PC TAIL AREA;  
THICKNESS=(1.88 MICROMETER)/75 MICROINCH MINIMUM;  
NICKEL (ND) UNDERPLATE OVER ENTIRE PIN.

\*THE PRIMARY SHIPPING CARTON WILL BE LABELED \*COMPLYING TO  
ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC.  
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

NO. OF CKTS	TIN	TIN	IS GOLD	IS GOLD	30 GOLD	30 GOLD	TIN	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	
06	A-8724-06A164	A-8724-06B164	A-8724-06C164	A-8724-06D164	A-8724-06E164	A-8724-06F164	A-8724-06G164	A-8724-06A164	A-8724-06B164	A-8724-06C164	A-8724-06D164	A-8724-06E164	A-8724-06F164	A-8724-06G164	A-8724-06A164	A-8724-06B164	A-8724-06C164	A-8724-06D164	A-8724-06E164	A-8724-06F164	A-8724-06G164
08	A-8724-08A164	A-8724-08B164	A-8724-08C164	A-8724-08D164	A-8724-08E164	A-8724-08F164	A-8724-08G164	A-8724-08A164	A-8724-08B164	A-8724-08C164	A-8724-08D164	A-8724-08E164	A-8724-08F164	A-8724-08G164	A-8724-08A164	A-8724-08B164	A-8724-08C164	A-8724-08D164	A-8724-08E164	A-8724-08F164	A-8724-08G164
10	A-8724-10A164	A-8724-10B164	A-8724-10C164	A-8724-10D164	A-8724-10E164	A-8724-10F164	A-8724-10G164	A-8724-10A164	A-8724-10B164	A-8724-10C164	A-8724-10D164	A-8724-10E164	A-8724-10F164	A-8724-10G164	A-8724-10A164	A-8724-10B164	A-8724-10C164	A-8724-10D164	A-8724-10E164	A-8724-10F164	A-8724-10G164
12	A-8724-12A164	A-8724-12B164	A-8724-12C164	A-8724-12D164	A-8724-12E164	A-8724-12F164	A-8724-12G164	A-8724-12A164	A-8724-12B164	A-8724-12C164	A-8724-12D164	A-8724-12E164	A-8724-12F164	A-8724-12G164	A-8724-12A164	A-8724-12B164	A-8724-12C164	A-8724-12D164	A-8724-12E164	A-8724-12F164	A-8724-12G164
14	A-8724-14A164	A-8724-14B164	A-8724-14C164	A-8724-14D164	A-8724-14E164	A-8724-14F164	A-8724-14G164	A-8724-14A164	A-8724-14B164	A-8724-14C164	A-8724-14D164	A-8724-14E164	A-8724-14F164	A-8724-14G164	A-8724-14A164	A-8724-14B164	A-8724-14C164	A-8724-14D164	A-8724-14E164	A-8724-14F164	A-8724-14G164
16	A-8724-16A164	A-8724-16B164	A-8724-16C164	A-8724-16D164	A-8724-16E164	A-8724-16F164	A-8724-16G164	A-8724-16A164	A-8724-16B164	A-8724-16C164	A-8724-16D164	A-8724-16E164	A-8724-16F164	A-8724-16G164	A-8724-16A164	A-8724-16B164	A-8724-16C164	A-8724-16D164	A-8724-16E164	A-8724-16F164	A-8724-16G164
18	A-8724-18A164	A-8724-18B164	A-8724-18C164	A-8724-18D164	A-8724-18E164	A-8724-18F164	A-8724-18G164	A-8724-18A164	A-8724-18B164	A-8724-18C164	A-8724-18D164	A-8724-18E164	A-8724-18F164	A-8724-18G164	A-8724-18A164	A-8724-18B164	A-8724-18C164	A-8724-18D164	A-8724-18E164	A-8724-18F164	A-8724-18G164
20	A-8724-20A164	A-8724-20B164	A-8724-20C164	A-8724-20D164	A-8724-20E164	A-8724-20F164	A-8724-20G164	A-8724-20A164	A-8724-20B164	A-8724-20C164	A-8724-20D164	A-8724-20E164	A-8724-20F164	A-8724-20G164	A-8724-20A164	A-8724-20B164	A-8724-20C164	A-8724-20D164	A-8724-20E164	A-8724-20F164	A-8724-20G164

<b>UPDATE TITLE BLOCK</b> LIC. USER: 2006-05-25 DRAWN BY: 2008/01/28 CHKD. BY: 2008/01/31 APPROV. BY: [Signature] REV. [Signature]	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> 2 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	<b>DIMENSION STYLE</b> MM/IN SCALE --- INCH DESIGN UNITS INCH THIRD ANGLE PROJECTION	<b>DRAWN BY</b> JL <b>DATE</b> 1986/06/26 <b>CHECKED BY</b> NB <b>DATE</b> 1986/06/26 <b>APPROVED BY</b> MAZ <b>DATE</b> 1986/06/26	<b>TITLE</b> SALES ASSEMBLY <b>WAFER-RIGHT ANGLE FULLY SHROUDED .100 GRID</b>	<b>MATERIAL NO.</b> SEE CHART <b>DOCUMENT NO.</b> SDA-8724-***** <b>SHEET NO.</b> 2 OF 8